

Attorney Docket No. 108298718US
Disclosure No. 03-0120.00/US

PTO/SB/08A/B (09-06)

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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/733,523-Conf. #9060
				Filing Date	December 10, 2003
				First Named Inventor	Kevin L. Beaman
				Art Unit	1762
				Examiner Name	D. P. Turocy
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DT		US-4,313,783	02-02-1982	Davies et al.	
		US-4,509,458	04-01-1985	Kleinert et al.	
		US-4,593,844	08-10-1986	Hanak	
		US-4,811,638	03-27-1990	Bayne et al.	
		US-4,823,715	05-08-1990	Matsuda et al.	
		US-5,015,330	05-14-1991	Okumura et al.	
		US-5,017,404	05-21-1991	Paquet et al.	
		US-5,020,476	08-04-1991	Bay et al.	
		US-5,062,446	11-05-1991	Anderson	
		US-5,090,985	02-01-1992	Soubeyrand	
		US-5,325,020	06-28-1994	Campbell, deceased et al.	
		US-5,366,557	11-22-1994	Yu	
		US-5,433,787	07-18-1995	Suzuki et al.	
		US-5,575,883	11-19-1998	Nishikawa et al.	
		US-5,769,950	06-23-1998	Takasu et al.	
		US-5,819,683	10-13-1998	Ikedo et al.	
		US-5,868,986	02-02-1999	Pennington	
		US-5,868,159	02-09-1999	Loan et al.	
		US-5,885,425	03-23-1999	Hsieh et al.	
		US-5,902,403	05-11-1999	Altani et al.	
		US-5,911,238	08-15-1999	Bump et al.	
		US-6,008,894	12-28-1999	DeOmelias et al.	
		US-6,022,483	02-08-2000	Aral	
		US-6,113,698	09-05-2000	Raaijmakers et al.	
		US-6,142,163	11-07-2000	McMillin et al.	
		US-6,159,297	12-12-2000	Herchen et al.	
		US-6,159,298	12-12-2000	Saito et al.	
		US-6,206,967	03-27-2001	Mak et al.	
		US-20010001952	05-01-2001	Nishizawa et al.	
		US-6,251,190	08-26-2001	Mak et al.	
		US-20010012697	08-09-2001	Mikata	
		US-6,273,954	08-14-2001	Nishikawa et al.	
DT		US-6,277,763	08-21-2001	Kugimiyu et al.	

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DT		US-6,328,803	12-11-2001	Rolfson et al.	
		US-20010050267	12-13-2001	Hwang et al.	
		US-6,333,272	12-25-2001	McMillin et al.	
		US-6,334,928	01-01-2002	Sekine et al.	
		US-20020000202	01-03-2002	Yuda et al.	
		US-6,384,218	04-02-2002	Zimmerman et al.	
		US-20020042205	04-11-2002	McMillin et al.	
		US-6,383,300	05-07-2002	Saito et al.	
		US-6,402,806	06-11-2002	Schmitt et al.	
		US-6,402,849	06-11-2002	Kwag et al.	
		US-6,415,736	07-09-2002	Hao et al.	
		US-6,425,168	07-30-2002	Takaku et al.	
		US-20020132374	09-19-2002	Basceri et al.	
		US-20020195145	12-26-2002	Lowery et al.	
		US-6,508,288	01-21-2003	Kouketsu et al.	
		US-20030049372	03-13-2003	Cook et al.	
		US-20030094903	05-22-2003	Tao et al.	
		US-6,585,823	07-01-2003	Van Wijk	
		US-6,638,859	10-28-2003	Sneh et al.	
		US-20030213435	11-20-2003	Okuda et al.	
		US-6,683,713	12-16-2003	Robles et al.	
		US-6,686,982	12-23-2003	Brcka	
		US-20040000270	01-01-2004	Carpenter et al.	
		US-6,689,220	02-10-2004	Nguyen	
		US-20040025788	02-12-2004	Kontani et al.	
		US-20050061243	03-24-2005	Sariglannis et al.	
		US-20040089240	05-13-2004	Dando et al.	
		US-6,734,020	05-11-2004	Lu et al.	
		US-6,770,145	08-03-2004	Salto et al.	
		US-6,807,971	10-26-2004	Salto et al.	
		US-6,818,067	11-16-2004	Doering et al.	
		US-20040238123	12-02-2004	Becknell et al.	
		US-6,830,652	12-14-2004	Ohmi et al.	
		US-6,845,734	01-25-2005	Carpenter et al.	
		US-20050016956	01-27-2005	Liu et al.	
DT		US-6,849,131	02-01-2005	Chen et al.	

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DT		US-20050048742	03/2005	Dip et al.	
		US-6,881,295	04-19-2005	Nagakura et al.	
		US-6,887,521	05-03-2005	Bascari	
		US-6,905,547	06-14-2005	Londergan et al.	
		US-6,905,548	06-14-2005	Okuda et al.	
		US-20050217582	10-06-2005	Kim et al.	
		US-6,966,936	11-22-2005	Yamasaki et al.	
		US-6,991,684	01-31-2006	Kannan et al.	
		US-7,022,184	04-04-2006	Van Wijck et al.	
		US-20060115957	06-01-2006	Bascari et al.	
		US-7,056,806	06-06-2006	Bascari et al.	
		US-20060121689	06-08-2006	Bascari et al.	
		US-20060134345	06-22-2006	Rueger et al.	
		US-20060165873	07-27-2006	Rueger et al.	
		US-7,088,410	08-08-2006	Chouno et al.	
		US-20060198855	09-07-2006	Zheng et al.	
		US-20060204849	09-14-2006	Beaman et al.	
		US-20060205187	09-14-2006	Zheng et al.	
		US-20060213440	09-28-2006	Zheng et al.	
DT		US-20060237138	10-28-2006	Qin	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ²	Number ³ -Kind Code ⁴ (if known)			
DT		JP	63111177	05-16-1988	Hitachi Ltd	
		JP	63020490	01-28-1988	Toshiba Corp.	
		JP	06342785	12-13-1994	Fujitsu Ltd	
		JP	6481311	03-01-1989	Masao Mikami	
		JP	06201539	07-19-1994	Kitsuta Yasuo	
DT		WO	0132966	05-10-2001	Zakrytos Aktsionemoe Obschestvo et al.	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DT		Aera Corporation, "Fundamentals of Mass Flow Control," 1 page, retrieved from the Internet on March 6, 2003, < http://www.aeramfc.com/funda.shtml >.	
		EMCO Flow Systems, "Mach One Mass Flow Controllers", 1 page, retrieved from the Internet on November 7, 2003, < http://emcoflow.com/mach-one.htm >.	
		EMCO Flow Systems, Mach One Mass Flow Controller Product Brochure, 6 pages, retrieved from the Internet on November 7, 2003, < http://www.emcoflow.com/literature/brochures_product_sheets/mach_one/mach_one_brochure_2_01.pdf >.	
		SemiZone, "EMCO Flow Systems Granted Patent for the Mach One Mass Flow Controller for the Semiconductor Industry (June 28, 2001)", 2 pages, retrieved from the Internet on November 7, 2003, < http://www.semizone.com/news/item?news_item_id=100223 >.	
✓		MKS Instruments, Data Sheet, Downstream Plasma Source, Type AX7610, 4 pages, December 2002, < http://www.mksinst.com/docs/UR/ASTEXax7610DS.pdf >.	
DT		MKS Instruments, ASTeX® Microwave Plasma Sources and Subsystems, 1 page, retrieved from the Internet on November 19, 2004, < http://www.mksinst.com/PRG2.html >.	

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